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PTO/SB/05 (03-01)

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. N9450.0013/P013

First Inventor Shuhei Yamamoto

Title ELECTROPHORESIS APPARATUS USING, etc.

Express Mail Label No.

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original, and a duplicate for processing)
2. ☐ Applicant claims small entity status
 See 37 CFR 1.27
3. ☒ Specification [Total Pages 39]
(Preferred arrangement set forth below)

- Descriptive title of the invention
- Cross Reference to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to sequence listing, a table, or a computer program listing appendix
- Background of the invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claims
- Abstract of the Disclosure

4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 9]5. Oath or Declaration [Total Pages 4]

- a. ☒ Newly executed (original or copy)
- b. ☐ Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
- c. ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(c)(2) and 1.33(b)

6. ☐ Application Data Sheet See 37 CFR 1.76

ADDRESS TO: Box Patent Application
 Commissioner for Patents
 Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. ☐ Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)

- a. ☐ Computer Readable Form (CRF)
- b. ☐ Specification Sequence Listing on:
- i. ☐ CD-ROM or CD-R (2 copies); or ii. ☐ paper
- c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATIONS PARTS

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement ☒ Power of Attorney
(when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☒ Information Disclosure Statement (IDS)/PTO-1449 ☒ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. ☒ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i)
17. ☐ Applicant must attach form PTO/SB/35 or its equivalent
- Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.:

Prior application information: Examiner _____ Group / Art Unit _____

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Label or ☒ Correspondence address below

| | | | | | |
|-------------------|--|-----------|----------------|-----------------------------------|----------------|
| Name | DICKSTEIN SHAPIRO MORIN & OSHINSKY LLP Mark J. Thronson | | | | |
| Address | 2101 L Street NW | | | | |
| City | Washington | State | DC | Zip Code | 20037-1526 |
| Country | US | Telephone | (202) 785-9700 | Fax | (202) 887-0689 |
| Name (Print/Type) | Mark J. Thronson | | | Registration No. (Attorney/Agent) | 33,082 |
| Signature | | | | Date | April 27, 2001 |



FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

Complete if Known

| | |
|----------------------|------------------|
| Application Number | Not Yet Assigned |
| Filing Date | April 27, 2001 |
| First Named Inventor | Shuhei Yamamoto |
| Examiner Name | Not Yet Assigned |
| Group Art Unit | N/A |
| Attorney Docket No. | N9450.0013/P013 |

TOTAL AMOUNT OF PAYMENT (\$) 750.00

METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to

Deposit Account Number 04-1073

Deposit Account Name

☒ Charge Any Additional Fee Required Under 37 CFR 1.18 and 1.17 ☐ Applicant claims small entity status. See 37 CFR 1.27

2. ☒ Payment Enclosed

☒ Check ☐ Credit Card ☐ Money Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

| Large Entity Fee Code | Small Entity Fee Code | Fee (\$) | Fee (\$) | Fee Description | Fee Paid |
|-----------------------|-----------------------|----------|----------|------------------------|----------|
| 101 | 710 | 201 | 355 | Utility filing fee | 710.00 |
| 106 | 320 | 206 | 160 | Design filing fee | |
| 107 | 490 | 207 | 245 | Plant filing fee | |
| 108 | 710 | 208 | 355 | Reissue filing fee | |
| 114 | 160 | 214 | 75 | Provisional filing fee | |
| SUBTOTAL (1) (\$) | | | | | 710.00 |

2. EXTRA CLAIM FEES

| Total Claims | -20** = | Extra Claims | Fee from below | Fee Paid |
|--------------------|---------|--------------|----------------|----------|
| Independent Claims | 2 | -3** = | | 0.00 |
| Multiple Dependent | | | | |

Large Entity Small Entity

| Fee Code | Fee Code | Fee (\$) | Fee (\$) | Fee Description |
|----------|----------|----------|----------|--|
| 103 | 18 | 203 | 9 | Claims in excess of 20 |
| 102 | 80 | 202 | 40 | Independent claims in excess of 3 |
| 104 | 270 | 204 | 135 | Multiple dependent claim, if not paid |
| 106 | 80 | 206 | 40 | ** Reissue independent claims over original patent |
| 110 | 18 | 210 | 9 | ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$)

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

| Large Entity Fee Code | Small Entity Fee Code | Fee (\$) | Fee (\$) | Fee Description | Fee Paid |
|-----------------------------------|-----------------------|----------|----------|--|----------|
| 105 | 130 | 205 | 65 | Surcharge - late filing fee or oath | |
| 127 | 50 | 227 | 25 | Surcharge - late provisional filing fee or cover sheet | |
| 139 | 130 | 139 | 130 | Non-English specification | |
| 147 | 2,520 | 147 | 2,520 | For filing a request for ex parte reexamination | |
| 112 | 920* | 112 | 920* | Requesting publication of SIR prior to Examiner action | |
| 113 | 1,840* | 113 | 1,840* | Requesting publication of SIR after Examiner action | |
| 115 | 110 | 215 | 55 | Extension for reply within first month | |
| 116 | 390 | 216 | 195 | Extension for reply within second month | |
| 117 | 890 | 217 | 445 | Extension for reply within third month | |
| 118 | 1,390 | 218 | 695 | Extension for reply within fourth month | |
| 128 | 1,890 | 228 | 945 | Extension for reply within fifth month | |
| 119 | 310 | 219 | 155 | Notice of Appeal | |
| 120 | 310 | 220 | 155 | Filing a brief in support of an appeal | |
| 121 | 270 | 221 | 135 | Request for oral hearing | |
| 138 | 1,510 | 138 | 1,510 | Petition to institute a public use proceeding | |
| 140 | 110 | 240 | 55 | Petition to revive - unavoidable | |
| 141 | 1,240 | 241 | 620 | Petition to revive - unintentional | |
| 142 | 1,240 | 242 | 620 | Utility issue fee (or reissue) | |
| 143 | 440 | 243 | 220 | Design issue fee | |
| 144 | 600 | 244 | 300 | Plant issue fee | |
| 122 | 130 | 122 | 130 | Petitions to the Commissioner | |
| 123 | 60 | 123 | 60 | Processing fee under 37 CFR 1.17(c) | |
| 126 | 180 | 126 | 180 | Submission of Information Disclosure Stmt | |
| 581 | 40 | 581 | 40 | Recording each patent assignment per property (times number of properties) | 40.00 |
| 146 | 710 | 246 | 355 | Filing a submission after final rejection (37 CFR 1.129(a)) | |
| 148 | 710 | 249 | 355 | For each additional invention to be examined (37 CFR 1.129(b)) | |
| 179 | 710 | 279 | 355 | Request for Continued Examination (RCE) | |
| 169 | 900 | 169 | 900 | Request for expedited examination of a design application | |
| Other fee (specify) | | | | | |
| *Reduced by Basic Filing Fee Paid | | | | | |
| SUBTOTAL (3) (\$) | | | | | 40.00 |

SUBMITTED BY

| | | | | | | |
|-------------------|------------------|-----------------------------------|----------------|--------------------------|-----------|----------------|
| Name (print/type) | Mark J. Thronson | Registration No. (Attorney/Agent) | 33,082 | Complete (if applicable) | Telephone | (202) 775-4742 |
| Signature | | Date | April 27, 2001 | | | |